

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A fabric pillings evaluation method and procedure using stereovision comprising:

~~a step to laying~~ a the fabric specimen on a the horizontally traveling table and
~~translating~~ the table in the right angle of a the projector laser beam;
~~obtaining a three-dimensional (3D) fabric surface image of the projector laser~~
~~beam by scanning the surface profile of the specimen using a couple of charge coupled~~
~~device (CCD) cameras inclined to the~~ and a slit laser beam projector laser beam;
~~a step to reconstruct the 3D image of the fabric surface;~~
~~a step to converting~~ the 3D image into a binary image with a by height-
threshold algorithm, and to evaluate correlations of number, area and density values of
~~a the fabric pilling~~ obtained ~~acquired from the standard photographs~~ ;
~~a step to calculating~~ the x and y coordinates horizontal position of a
~~certain~~ each region in ~~of the fabric specimen from dimension and position on the~~
~~horizontally traveling table and calculate the height value;~~
~~calculating a pixel shift value due to surface roughness in the 3D laser image~~
~~and to correlate between the pixel shift value and an actual height values through~~
~~adjusting an initial position of an apparatus for measuring fabric pilling; and~~
~~a step to calculating~~ correlate the actual height value from the pixel shift value
~~at the measured height with the actual height value;~~
~~wherein the adjusting the initial position is regressed according to the~~
~~correlation between the pixel shift value and the actual height value using calibration~~
blocks.

2-4. (Canceled)

5. (Currently amended) The fabric pilling evaluation method using stereovision according to claim 13, wherein the linear regression coefficient according to the adjusting the initial position is 0.99.

6. (Currently amended) A fabric pilling evaluation apparatus using stereovision ~~comprising~~composed of:

a horizontally traveling table for translating a~~where the fabric specimen is laid~~, fixed fabric specimen~~and translated~~;

a slit laser beam projector mounted ~~which measures the height values of the fabric specimen translated by the horizontally traveling table, with the projector being fixed in the right angle of the table to measure a height of the fabric specimen~~;

a couple of charge coupled device (CCD) cameras inclined to a slit laser beam of the slit laser beam projector to capture a three-dimensional (3D) image of a scan ~~the surface profile of the fabric specimen, with the cameras being fixed a little slanted to the projector; and~~

a personale~~controller~~ computer for to receive data for the slit laser beam projector and a couple of CCD cameras stated above and calculating~~es~~ the degree of fabric pilling[[s]] grade based on the information of the traveling table translation and the 3D image of the surface profile;

wherein an initial position of the apparatus is regressed according to a correlation between the pixel shift value of the 3D image and the actual height value using calibration blocks.